Go To Table Of Contents

102 -001 thru -003

Ritter® by MIDMARK

Medical Examination Table

Serial Number Prefix:
C & V

Service and Parts Manual

FOR USE BY MIDMARK
TRAINED TECHNICIANS ONLY

SF-1458

Part No. 003-0463-00 Rev. F (1/01/04)

Go To Table Of Contents

TABLE OF CONTENTS

Section/Paragraph	Page
IMPORTANT INSTRUCTIONS	
General Safety Instructions	ii
Safety Alert Symbols	ii
Warranty Instructions	ii
SECTION I GENERAL INFORMATION	
Not Available	
SECTION II TESTING AND TROUBLESHOOTING	
Not Available	
SECTION III SCHEDULED MAINTENANCE	
Not Available	
SECTION IV MAINTENANCE/SERVICE INSTRUCTIONS	
Not Available	
SECTION V SCHEMATICS AND DIAGRAMS	
Not Available	

Section/Paragraph	Page
SECTION VI PARTS LIST	
6.1 Introduction	6-1
6.2 Description of Columns	6-1
Base And Cabinet Assembly	6-2
Upper Wrap Assembly	6-3
Seat & Headboard Upholstery Assembly	6-4
Foot Rest Assembly	6-5.*
Step Assembly	6-6
Drawer Assembly	6-7
Stirrup Assembly	6-8
Wiring Diagram (Standard)	6-9
Wiring Diagram (Units w/Heaters)	6-10
Pelvic Tilt Assembly	6-11
COMMENTS	7-1
FAX ORDERING FORM	7-2

(*) Indicates that there has been a serial number break for the illustration and that there are additional point page(s) following the original page.

IMPORTANT INSTRUCTIONS

General Safety Instructions

Safety First: The primary concern of Midmark Corporation is that this table is maintained with the safety of the patient and staff in mind. To assure that services and repairs are completed safely and correctly, proceed as follows:

(1) Read this entire manual before performing any services or repairs on this table.

(2) Be sure you understand the instructions contained in this manual before attempting to service or repair this table.

Safety Alert Symbols

Throughout this manual are safety alert symbols that call attention to particular procedures. These items are used as follows:

DANGER

A DANGER is used for an imminently hazardous operating procedure, practice, or condition which, if not correctly followed, will result in loss of life or serious personal injury.

WARNING

A WARNING is used for a potentially hazardous operating procedure, practice, or condition which, if not correctly followed, could result in loss of life or serious personal injury.

CAUTION

A CAUTION is used for a potentially hazardous operating procedure, practice, or condition which, if not correctly followed, could result in minor or moderate injury. It may also be used to alert against unsafe practices.

EQUIPMENT ALERT

An EQUIPMENT ALERT is used for an imminently or potentially hazardous operating procedure, practice, or condition which, if not correctly followed, will or could result in serious, moderate, or minor damage to unit.

NOTE

A NOTE is used to amplify an operating procedure, practice or condition.

Warranty Instructions

Refer to the Midmark “Limited Warranty” printed in the Installation and Operation Manual for warranty information. Failure to follow the guidelines listed below will void the warranty and/or render the 102 Medical Examination Table unsafe for operation.

- In the event of a malfunction, do not attempt to operate the table until necessary repairs have been made.
- Do not attempt to disassemble table, replace malfunctioning or damaged components, or perform adjustments unless you are one of Midmark’s authorized service technicians.
- Do not substitute parts of another manufacturer when replacing inoperative or damaged components. Use only Midmark replacement parts.

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SECTION VI
PARTS LIST

6.1 Introduction

The illustrated parts list provides information for identifying and ordering the parts necessary to maintain the unit in peak operating condition. Refer to paragraph 1.5 for parts ordering information.

The parts list also illustrates disassembly and assembly relationships of parts.

6.2 Description of Columns

The *Item* column of the parts list gives a component its own unique number. The same number is given to the component in the parts illustration. This allows a part number of a component to be found if the technician can visually spot the part on the illustration. The technician simply finds the component in question on the illustration and notes the item number of that component. Then, he finds that item number in the parts list. The row corresponding to the item number gives the technician the part number, a description of the component, and quantity of parts per subassembly. Also, if a part number is known, the location of that component can be determined by looking for the item number of the component on the illustration.

The *Part No.* column lists the MIDMARK part number for that component.

The *Description* column provides a physical description of the component.

The *Qty.* column lists the number of units of a particular component that is required for the subassembly. The letters “AR” denote “as required” when quantities of a particular component cannot be determined, such as: adhesive.

Bullets { • } in the *Part No.* column and the *Description* column show the indenture level of a component. If a component does not have a bullet, it is a main component of that illustration. If a component has a bullet, it is a subcomponent of the next component listed higher in the parts list than itself that does not have a bullet. Likewise, if a component has two bullets, it is a subcomponent of the next component listed higher in the parts list than itself that has only one bullet.

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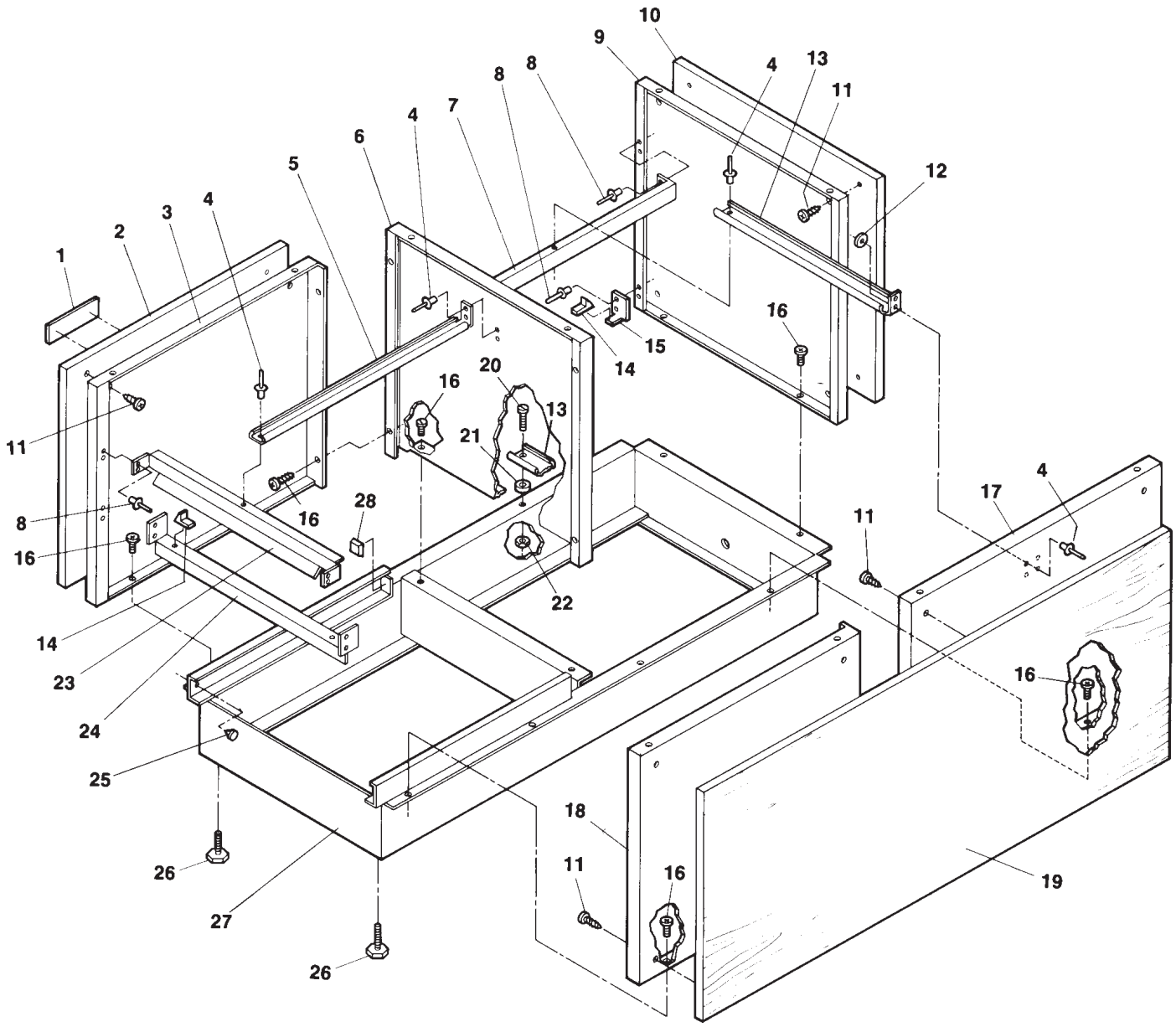
Base and Cabinet Assembly



MA2646

Item	Part No.	Description	Qty.
1	061-0061-07	Nameplate 102	1
2	055-4000-01	Table Side Small	1
3	050-0183-03	Front Support R.H.	1
4	042-0010-03	Pop Rivet	16
5	016-0136-00	Outer Slide (See Drawer Parts List)	2
6	050-0606-02	Center Support	1
7	050-0959-00	Mullion	2
8	042-0010-01	Pop Rivet	14
9	050-0187-02	End Panel R.H.	1
10	055-4100-01	Table End	1
11	040-0010-42	Screw	16
12	045-0001-39	Washer	3
13	016-0135-00	Outer Slide (See Drawer Parts List)	3
14	053-0004-00	Glide	10
15	050-0587-00	Bracket Drawer	1
16	040-0010-00	Screw	38
17	050-0185-01	Back	1
18	050-0183-04	Front Support L.H.	1
19	055-3900-01	Table Side Large	1
20	040-0008-10	Screw	1
21	052-0045-00	Spacer	1
22	041-0008-02	Nut	2
23	050-0916-00	Mullion	1
24	050-0824-00	Mullion	1
25	053-0001-00	Nylon Stem Bumper	2
26	016-0001-00	Leveling Screw	4
27	029-0302-00	Base Assembly	1
28	053-0014-00	Self Sticking Bumper	2

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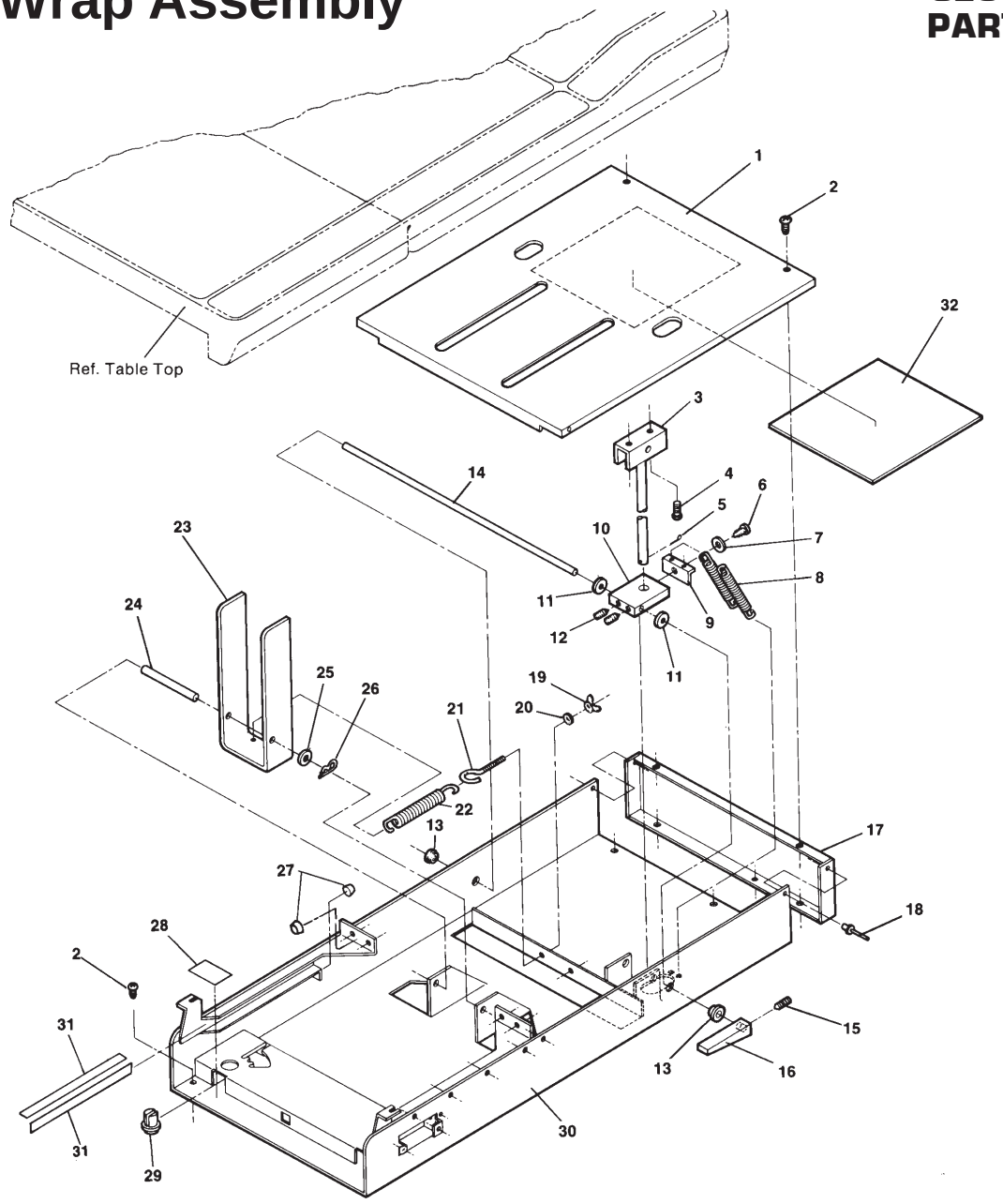
Upper Wrap Assembly



MA2647

Item	Part No.	Description	Qty.
1	029-0305-00	Top Cover Assembly (Incl. Item 32)	1
	* 050-0557-00	Top Cover (Less Sound Damp)	1
2	040-0010-00	Screw	52
3	029-0151-00	Back Support Rod Assembly	1
4	040-0010-01	Screw	2
5	042-0003-00	Cotter Pin	1
6	040-0010-03	Screw	1
7	045-0001-04	Lockwasher	1
8	025-0008-00	Backlock Spring	2
9	050-0101-00	Backlock Spring Retainer	1
10	051-0002-00	Backlock	1
11	045-0001-01	Flat Washer	2
12	040-0250-00	Set Screw	2
13	053-0068-01	Snap Bushing	3
14	057-0003-00	Back Lock Rod	1
15	040-0250-05	Set Screw	2
16	021-0001-01	Back Lock Lever	2
17	050-0180-00	End Cap	1
18	042-0010-03	Pop Rivet	2
19	041-0250-05	Wing Nut	2
20	045-0001-02	Flat Washer	2
21	016-0008-00	Eye Bolt	2
22	025-0003-00	Lift Spring	2
23	051-0132-00	Lift Lever	1
24	057-0004-00	Lift Support Rod	1
25	045-0001-01	Flat Washer	4
26	042-0004-00	Hitch Pin	2
27	053-0014-00	Self Sticking Bumper	2
28	061-0004-00	Stirrup Instruction Tag	1
29	053-0082-00	Pivot Boss	2
30	030-0179-00	R.H. Upper Wrap	1
	* 030-0179-02	R.H. Upper Wrap (Designed for Heater)	1
31	053-0018-00	Nylon Tape	1
32	054-0067-00	Sound Damp	1

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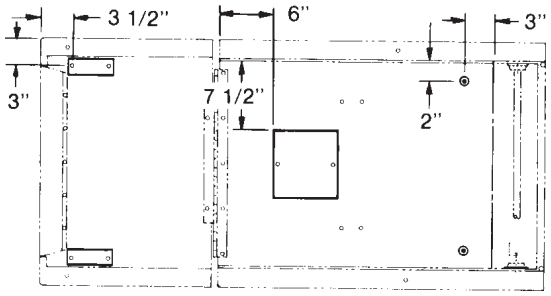
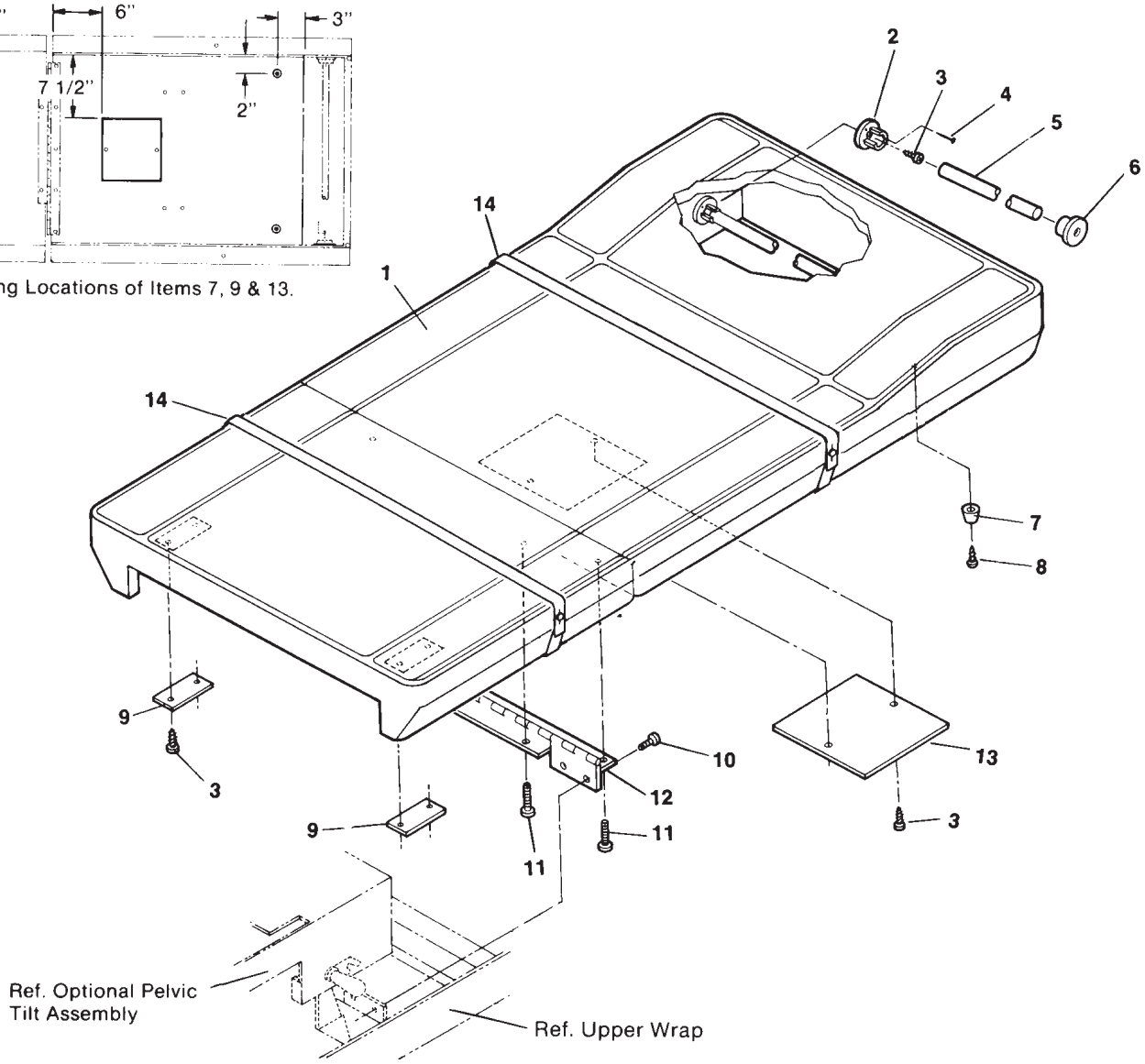
Seat & Headboard Upholstery Assembly



Mounting Locations of Items 7, 9 & 13.



MA2648

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	002-0138-00	Upholstered Table Top	1	8	040-0008-00	Screw	2
2	053-0043-02	L.H. Plastic Pole Socket	1	9	050-0194-00	Scuff Plate	2
3	040-0006-26	Screw	6	10	040-0010-35	Screw	4
4	042-0605-00	Wire Nail	1	11	040-0010-01	Screw	7
5	055-0005-00	Wood Dowel	1	12	016-0009-01	Top Hinge	1
6	053-0043-01	R.H. Plastic Pole Socket	1	13	050-0194-00	Plate	1
7	053-0024-00	Recess Bumper	1	14	002-0049-00	Paper Tear Strip Assembly	2

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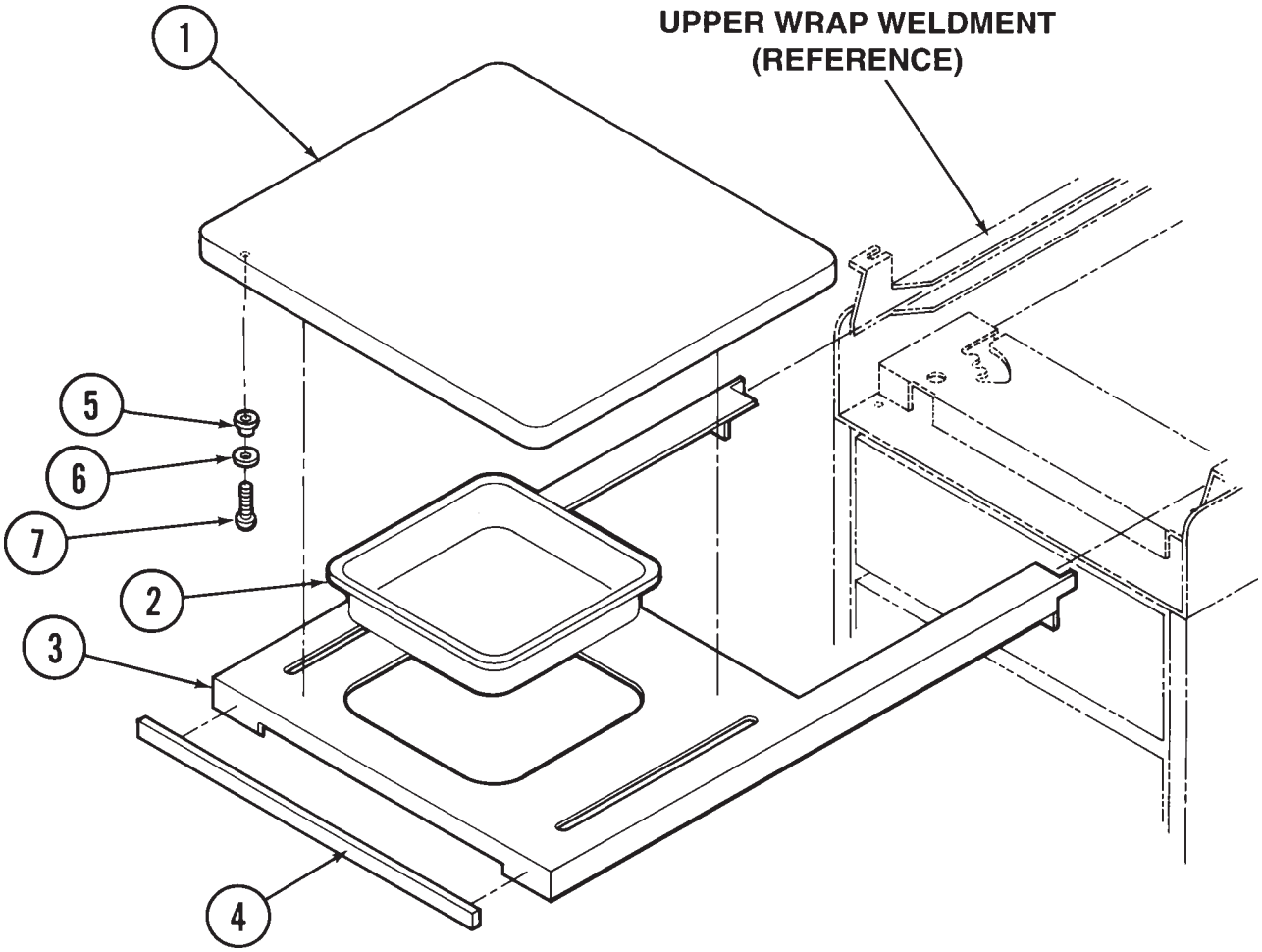
Foot Rest Assembly



MA2203-01

Used on units with Serial Number C1000 thru C4461

Item	Part No.	Description	Qty.
1	002-0283-00	Upholstery Footrest Pad (Includes items 2, 3, and 4)	1
2	053-0029-00	Treatment Pan	1
3	030-0181-00	Footrest	1
4	029-0159-00	Footrest Shelf Trim Assembly	1
5	053-0011-00	Nylon Bushing	4
6	053-0021-00	Rubber Washer	4
7	040-0250-02	Screw	4

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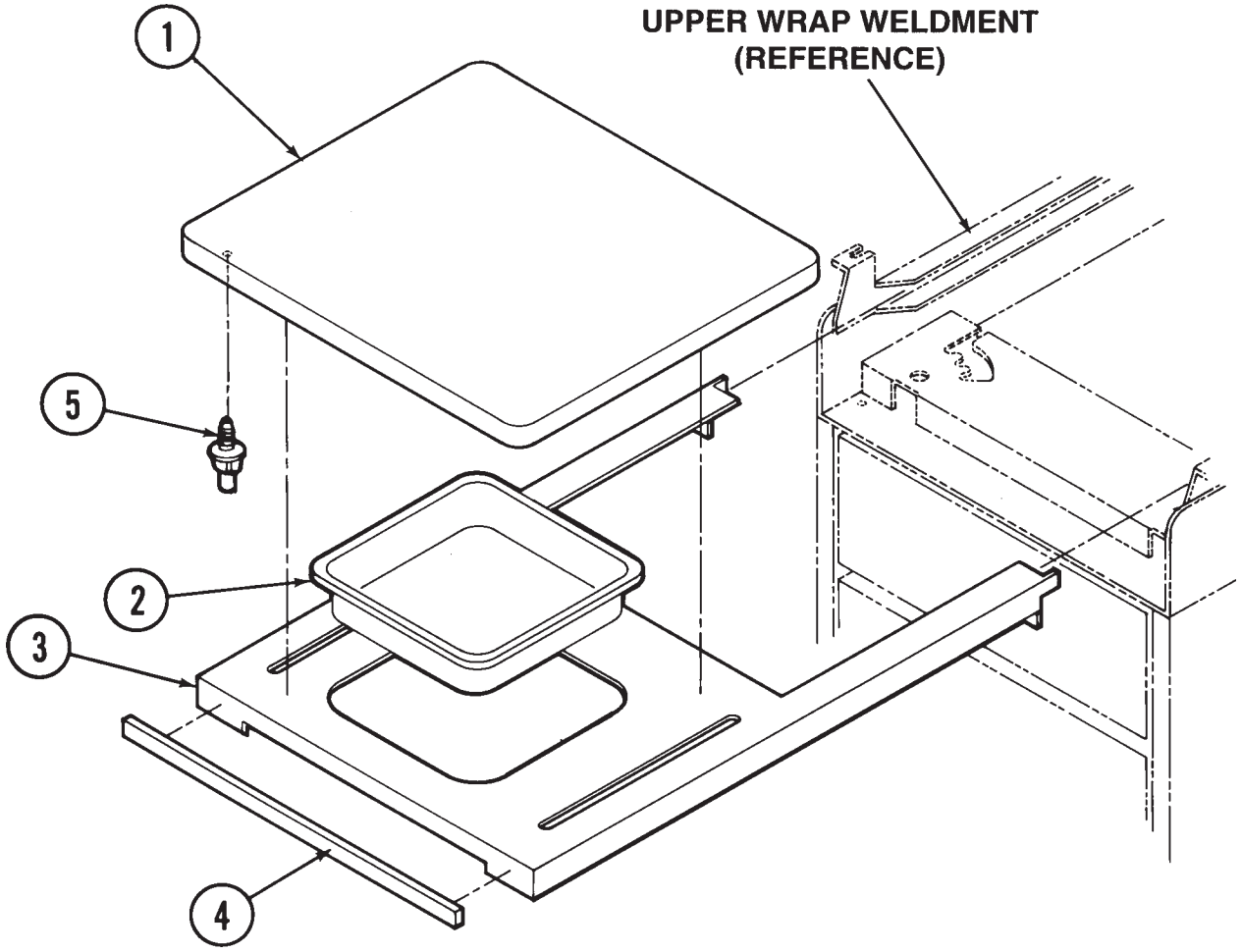
Foot Rest Assembly



MA2204

Used on units with Serial Number C4461 thru Present

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	002-0283-00	Upholstery Footrest Pad (Includes items 1 and 2)	1	3	030-0670-00	Footrest	1
2	053-0220-00	Treatment Pan	1	4	029-0159-00	Footrest Shelf Trim Assembly	1
				5	053-0365-00	Footrest Glide	4

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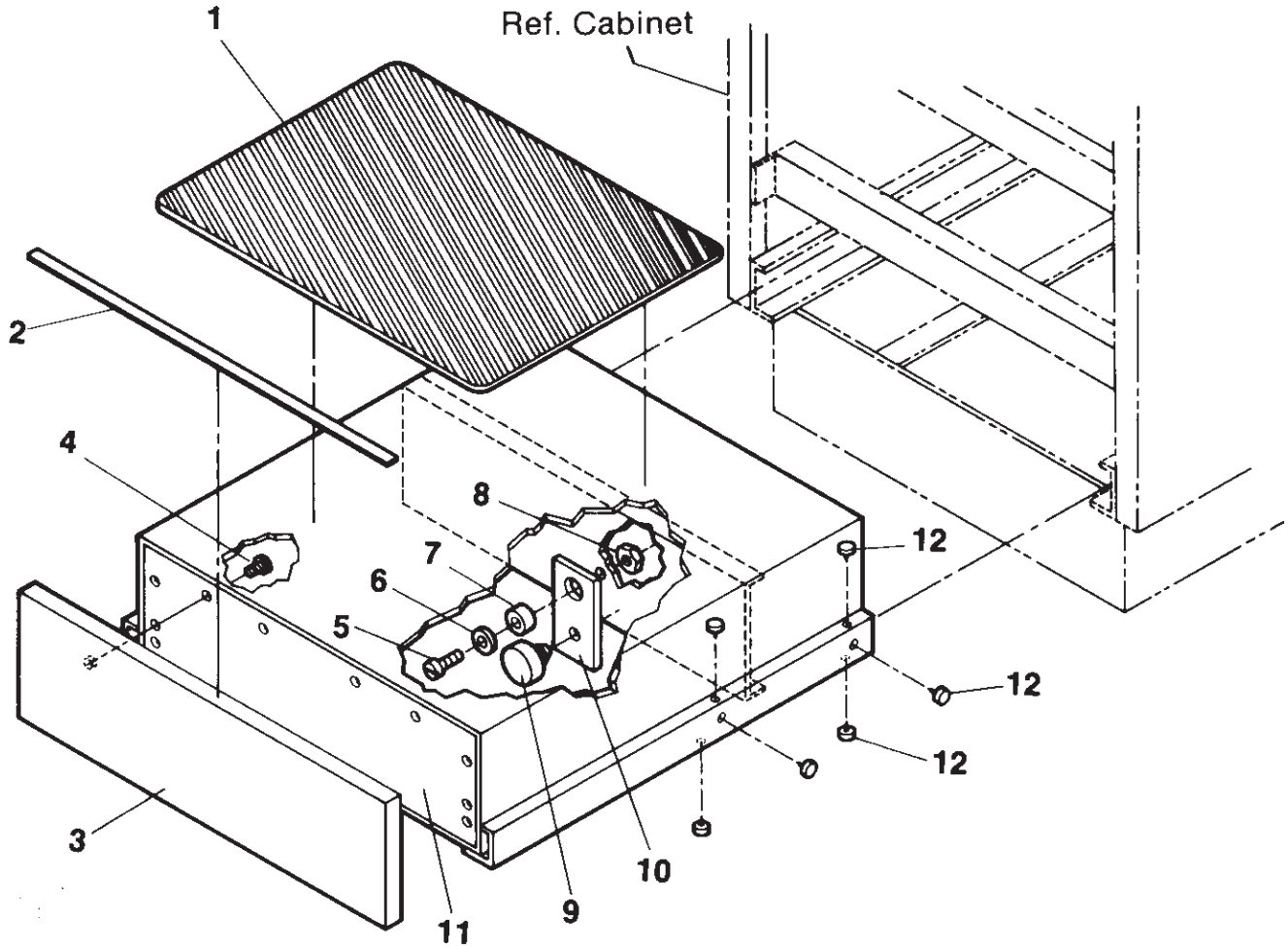
Step Assembly



MA2650

Item	Part No.	Description	Qty.
	029-0162-00	Step Assembly (Includes Items 1 thru 12)	1
1	053-0048-00	Step Cover	1
2	050-0379-00	Step Guard - 17.75" (Used only on Units with Square Step Fronts)	1
	050-2057-00	Step Guard - 17" (Used only on Units with Round Step Fronts)	1
3	055-1200-02	Step Front (Square Corners)	1
	055-1200-04	Step Front (Round Corners)	1
4	040-0006-00	Screw	10
5	040-0008-06	Screw	1
6	045-0001-39	Flat Washer	1
7	016-0138-09	Spacer	1
8	041-0008-02	Nut, Nylock	1
9	053-0323-00	Button Bumper	1
10	051-0529-00	Bar-Step Stop	1
11	030-0587-00	Step Weldment	1
12	053-0001-00	Nylon Stem Bumper	12

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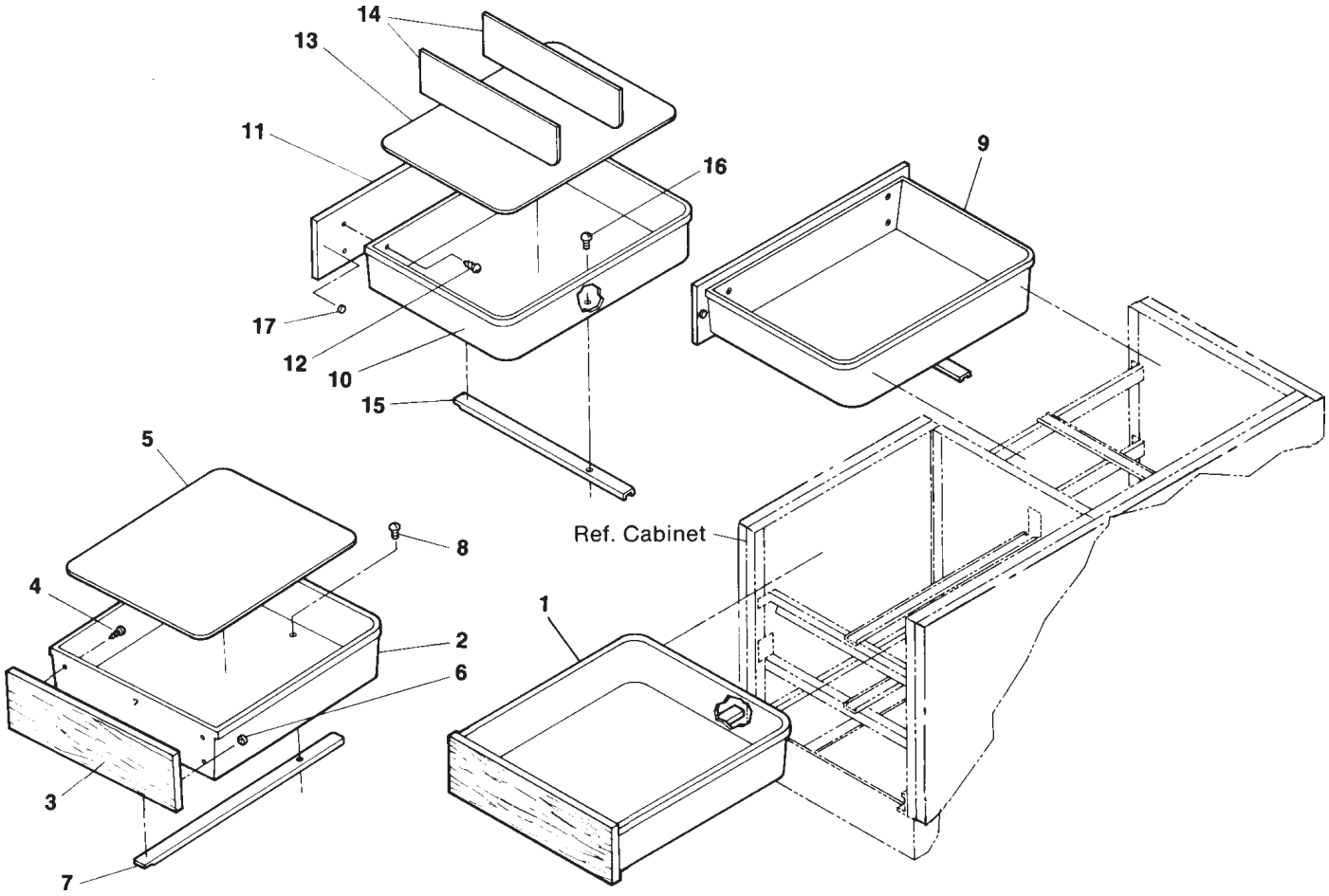
Drawer Assembly



MA2651

Item	Part No.	Description	Qty.
1	029-0313-00	Drawer Assembly - Front (Includes items 2, 3, 4, 6, 7, and 8)	1
2	• 053-0125-00	• Plastic Drawer	1
3	• 055-1200-03	• Drawer Front	1
4	• 040-0006-00	• Screw	6
5	060-0002-02	Drawer Liner	1
6	• 053-0013-00	• Self-Sticking Bumper	2
7	• 016-0136-00	• Slide (Complete-Inner & Outer)	1
8	• 040-0008-26	Screw	1
9	029-0312-00	Drawer Assembly - Top Side (Includes items 10, 11, 12, 15, 16, and 17)	1
	029-0315-00	Drawer Assembly - Side (Includes items 10, 11, 12, 15, 16, and 17)	1

Item	Part No.	Description	Qty.
10	• 053-0124-00	• Plastic Drawer	1
11	• 055-3800-01	• Drawer Front (Top Side)	1
	• 055-4200-01	• Drawer Front (Side)	1
12	• 040-0008-26	• Screw	6
13	060-0002-00	Drawer Liner	1
14	• 053-0012-00	• Drawer Divider	3
15	• 016-0135-00	• Slide (Complete-Inner & Outer)	1
16	• 040-0008-26	• Screw	1
17	• 053-0013-00	• Self-Sticking Bumper	2

NOTE: The above quantities are for one drawer unit.

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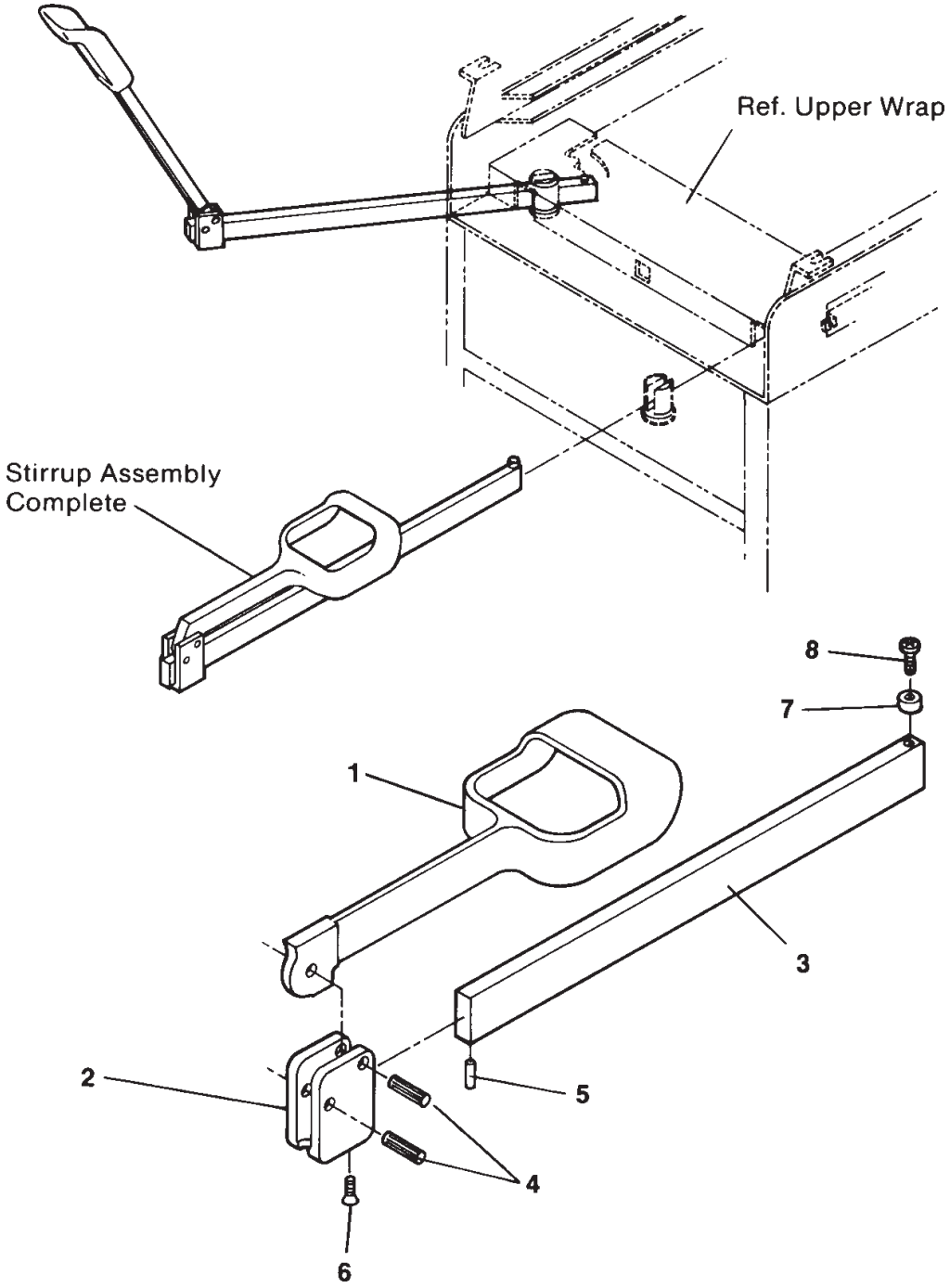
Stirrup Assembly



MA2652

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
	029-0152-00	Stirrup Assembly (Includes Items 1 thru 8)	2	4	• 042-0001-00	• Roll Pin	2
1	• 020-0001-01	• Stirrup, Vinyl Coated	1	5	• 042-0001-02	• Roll Pin	1
2	• 020-0012-00	• Block, Pivot	1	6	• 040-0250-15	• Screw, Set	1
3	• 051-0133-00	• Bar, Horizontal	1	7	• 053-0081-00	• Nylon Spacer	1
				8	• 040-0250-01	• Screw	1

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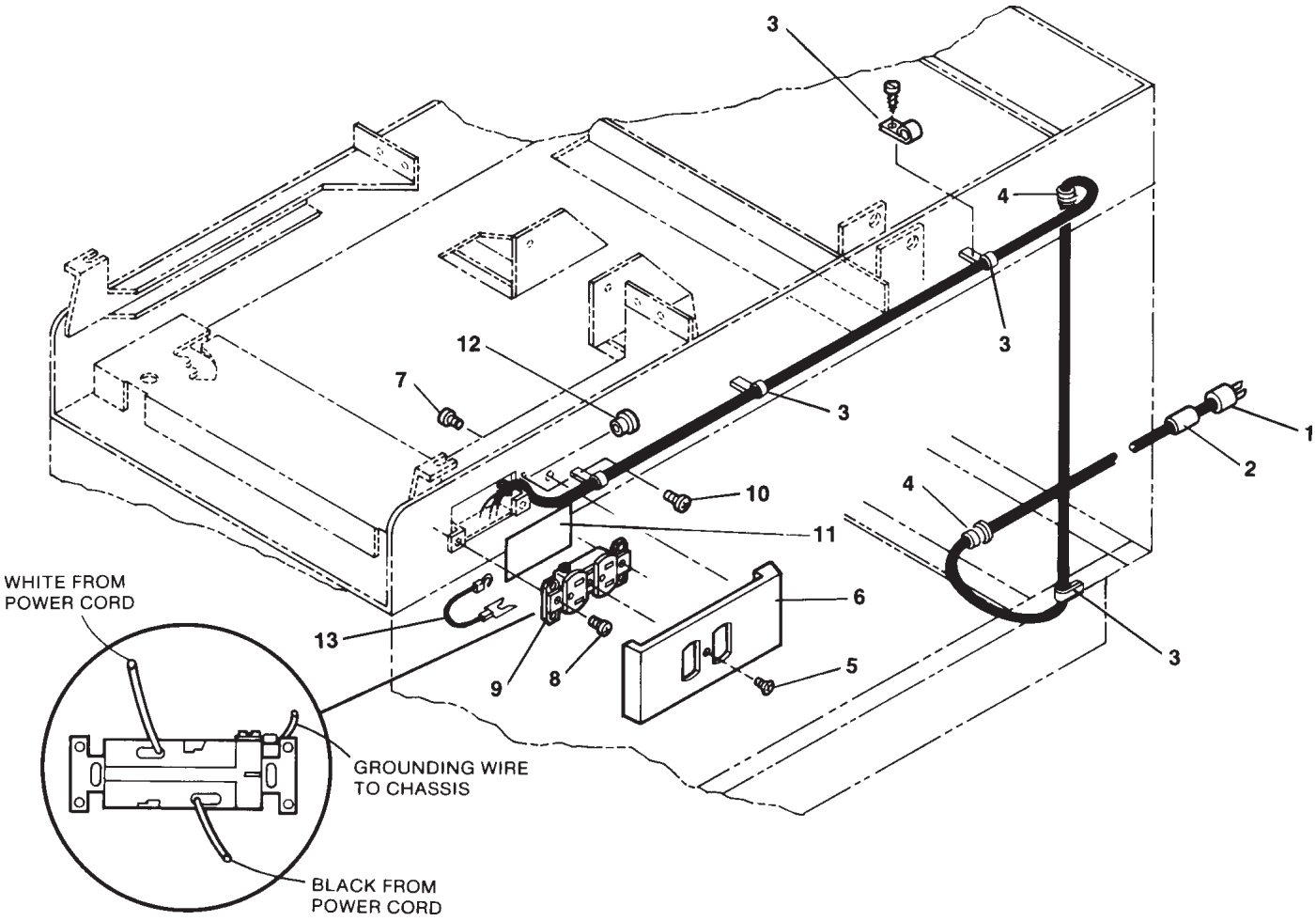
Wiring Diagram (Standard)



MA2653

Item	Part No.	Description	Qty.
1	015-0066-03	Cord Assembly	1
2	061-0034-00	Cord Tag	1
3	015-0007-02	Wrap-N-Tap Wire Clamp	4
4	015-0002-01	Strain Relief Bushing	2
5	040-0006-23	Screw	1
6	053-0134-00	Receptacle Cover	1
7	040-0010-04	Screw	1
8	040-0006-13	Screw	2
9	015-0083-00	Duplex Receptacle	1
10	040-0010-47	Screw	2
11	053-0092-00	Insulator, Fishpaper	1
12	053-0068-07	Snap Bushing	1
13	015-0141-00	Jumper Wire (To Chassis)	1

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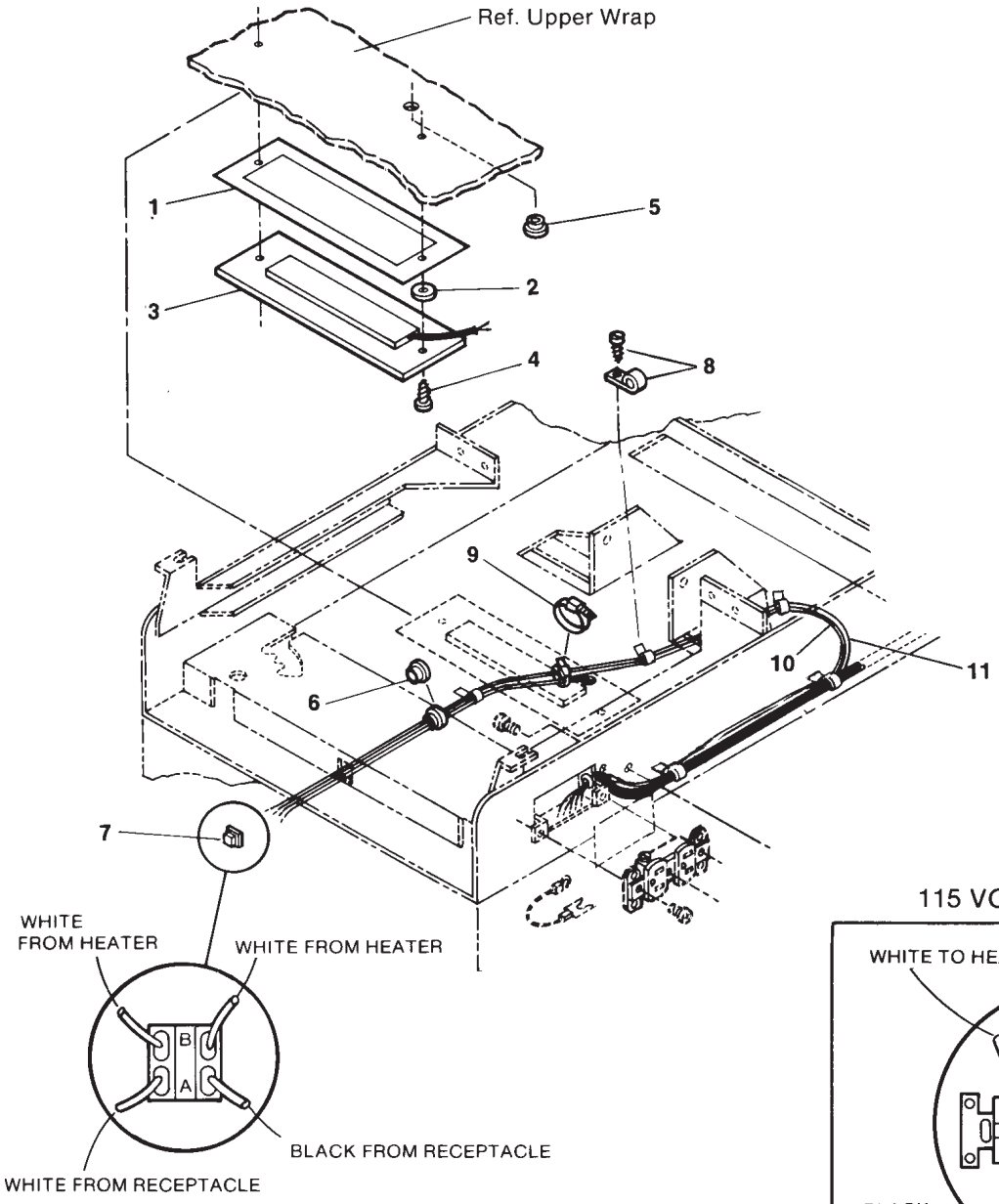
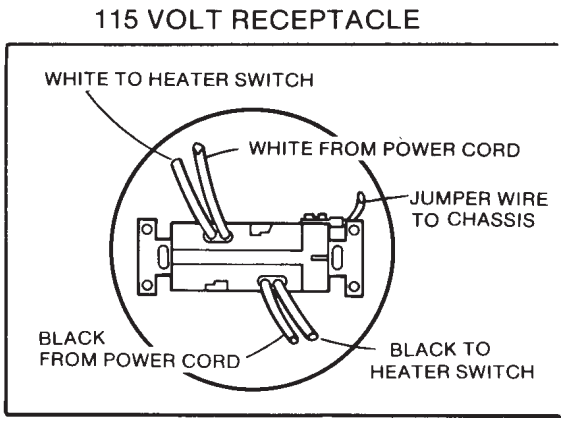
Wiring Diagram (Units w/ Heaters)





MA2654

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	053-0137-01	Heat Shield	1	7	015-0258-00	Heater Switch	1
2	016-0117-00	Roller	2	8	015-0007-03	Wrap-N-Tap Wire Clamp	3
3	029-1223-00	Heater Plate Assembly	1	9	015-0013-00	Cable Tie	3
4	040-0010-07	Screw	2	10	015-0064-03	Jumper Wire	1
5	053-0068-01	Snap Bushing	3	11	015-0064-02	Jumper Wire	1
6	053-0068-00	Snap Bushing	1				

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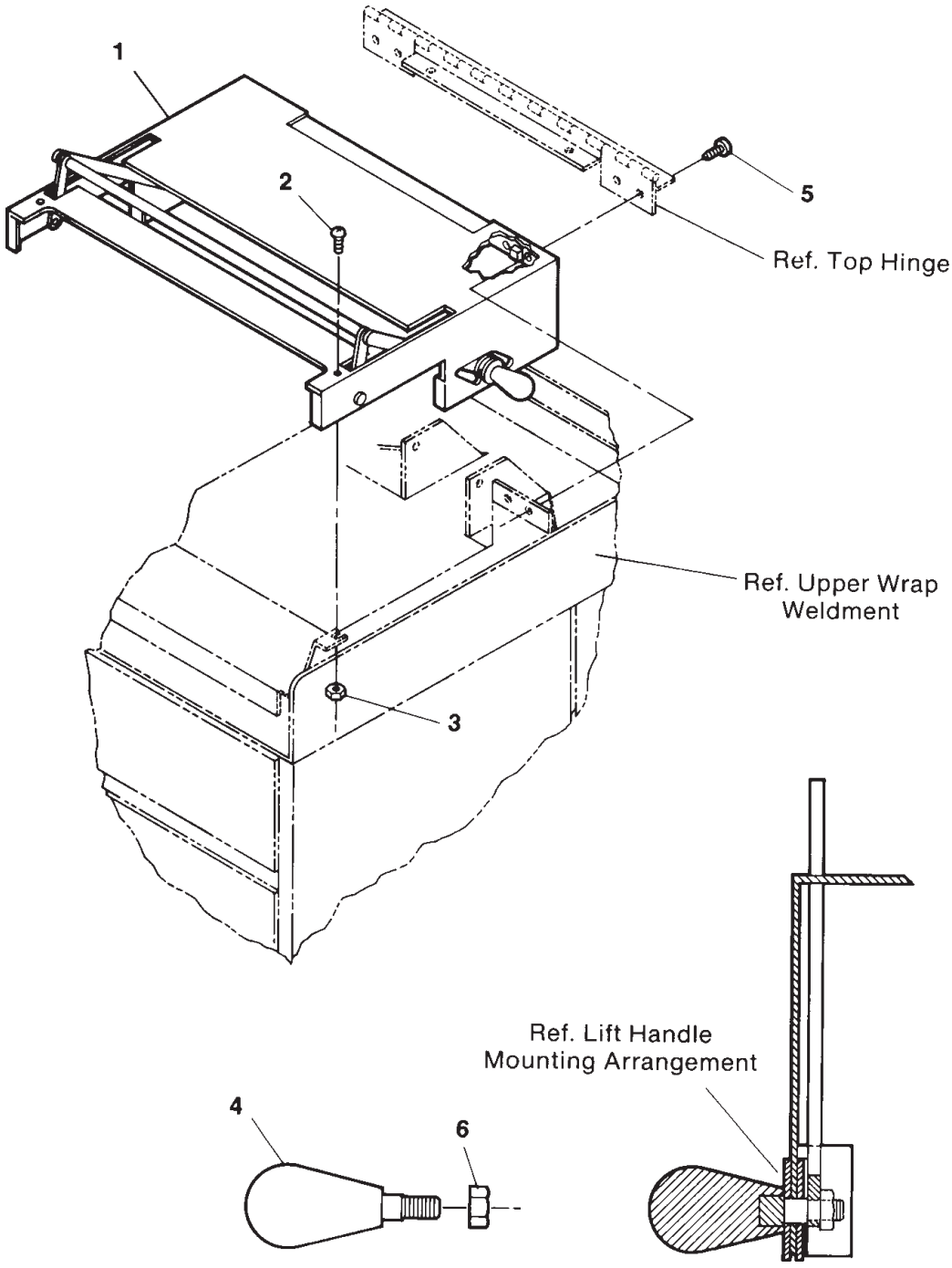
Pelvic Tilt Assembly



MA2655

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	029-0319-00	Pelvic Tilt Assembly (Includes Items 2, 3, 4 &5)	1	4	• 016-0184-00	• Lift Handle	2
2	• 040-0010-23	• Screw	2	5	• 040-0010-35	• Screw	4
3	• 041-0010-02	• Nut	2	6	041-0312-00	Jam Nut	2

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Return To Table Of Contents

COMMENTS

The Technical Publications Department of Midmark Corporation takes pride in its publications. We are sure that our manuals will fill all of your needs when you are performing scheduled maintenance, servicing, or repairs on a Midmark product.

However, if you find any errors or feel that there should be a change, addition, or deletion to a manual, please let us know!

Page(s) and Paragraph(s) Needing Changed:

Description of Error or Desired Change:

Please fax or mail a copy of this completed comment sheet to:

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60 Vista Drive
Versailles, Ohio 45380
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Return To Table Of Contents

FAX ORDERING FORM

(SERVICE PARTS ONLY)

NOTES:

- **ALL BLOCKED AREAS MUST BE COMPLETED.**
- **USE FOR NON-WARRANTY FAX ORDERS ONLY. WARRANTY ORDERS MUST BE TELEPHONED IN (1-800-MIDMARK).**

ATTENTION: SERVICE DEPARTMENT FAX#: 877-249-1793

ACCT #: _____ **P.O. #:** _____ **DATE:** _____

NAME: _____ **SHIP TO:** _____

ADDRESS: _____

CITY, ST.: _____

CONTACT: _____

PHONE: _____

☐ **NON-EMERGENCY ORDER - TO SHIP WITHIN 72 HOURS IF PART(S) IN STOCK.**

☐ **EMERGENCY ORDER - TO SHIP WITHIN 24 HOURS IF PART(S) IN STOCK (IF ORDER IS RECEIVED BEFORE 1:30 P.M. E.S.T).**

SEND NOTIFICATION IF PARTS ARE NOT AVAILABLE TO SHIP WITHIN 24 HOURS VIA E-MAIL OR FAX TO: _____

METHOD OF SHIPMENT **OTHER** _____

UPS	FED EX
☐ NEXT DAY A.M.	☐ NEXT DAY A.M.
☐ NEXT DAY P.M.	☐ NEXT DAY P.M.
☐ 2ND DAY	☐ 2ND DAY
☐ GROUND	☐ ECONOMY

QTY.	PART #	DESCRIPTION (SPECIFY COLOR OF ITEM IF APPLICABLE)	COLOR CODE	PRICE/PER

Return To Table Of Contents

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P.O. Box 286
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937-526-3662
Fax 937-526-5542
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